

FORM PTO-1449	U.S. Department of Commerce Patent & Trademark Office	Attorney Docket No. 175/50221	Serial No. 09/931,387
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Jai Won PARK, et al.	
		Filing Date August 17, 2001	Group

MAR 14 2002		U.S. PATENT DOCUMENTS					
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
MK	AA	5145831	09/1992	Yamada, et al.		—	
MK	AB	4880771	11/1989	Cava, et al.		—	
MK	AC	6063735	05/2000	Park, et al.		—	
MK	AD	5096878	05/1992	Hoshino, et al.		—	
MK	AE	4988670	01/1991	Itozaki, et al.			
MK	AF	5034373	07/1991	Smith, et al.			
	AG						
	AH						
	AI						
	AJ						

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FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	TRANSLATION	
							Yes	No
MK	AK	3803680	08/1989	Germany		—	Abstract	
MK	AL	0354616	02/1990	Europe		—	Abstract	
MK	AM	0330305	08/1989	Europe		—		
MK	AN	0434372	06/1991	Europe		—		
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	AQ						
	AR						
	AS						

EXAMINER	<i>Mark</i>	DATE CONSIDERED	7/21/03
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U.S. PATENT DOCUMENTS							
Examiner Initial	Class	Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
MK	AA	4,990,488	02/1991	SCHNERING			
MK	AB	5,047,391	09/1991	BOCK			
MK	AC	5,075,285	12/1991	FLUKIGER			
MK	AD	5,140,003	08/1992	MUELLER			
FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes No
MK	AE	EP0292385	11/1988	Europe			Yes
MK	AF	EP0362492	09/1991	Europe			Abstract
MK	AG	EP0388754	08/1992	Europe			Abstract
MK	AH	EP0332291	09/1989	Europe			Abstract
MK	AI	EP0330214	08/1989	Europe			Abstract
MK	AJ	EP0336450	10/1989	Europe			Abstract
MK	AK	EP0339801	11/1989	Europe			Abstract
MK	AL	EP0299870	01/1989	Europe			Abstract
MK	AM	EP0375134	06/1990	Europe			Abstract
MK	AN	EP0354516 EP 334 616	02/1990	Europe			Abstract
MK	AO	GB2314076	12/1997	Great Britain			Yes
MK	AP	WO9706567	05/2000	WO			Abstract

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FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes No
<i>mk</i>	AQ	WO8805029	07/1988	WO		<input checked="" type="checkbox"/>	Yes
<i>mk</i>	AR	DE3739886	02/1991	Germany		<input checked="" type="checkbox"/>	Abstract
<i>mk</i>	AS	DE4216545	12/1993	Germany		<input checked="" type="checkbox"/>	Abstract
<i>mk</i>	AT	DE3826924	02/1990	Germany		<input checked="" type="checkbox"/>	Abstract
<i>mk</i>	AU	DE19623050	12/1997	Germany		<input checked="" type="checkbox"/>	Abstract
<i>mk</i>	AV	DE3731266	12/1991	Germany		<input checked="" type="checkbox"/>	Abstract
<i>mk</i>	AW	JP63315566	12/1988	Japan		<input checked="" type="checkbox"/>	Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>mk</i>	AX	G.K. BICHILE, "Enhanced flux pinning by Zn substitution in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ " Supercond. Science Technology, 1991
<i>mk</i>	AY	M. AFFRONTI, "High-Temperature relaxation processes in Zn and Fe doped tetragonal YBCO" Physica C, 1994
<i>mk</i>	AZ	R.K. NKUM, "Substitution of 3d metals for Cu in $(\text{Bi}, \text{Pb})_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_y$ " Physica C, 1992
<i>mk</i>	BA	C. TOME-ROSA, "Impurity Pinning in Epitaxial $\text{YBa}_2(\text{Cu}_{1-x}\text{TM}_x)_3\text{O}_{7-\delta}$ (TM=Zn,Ni)-Thin Films" IEEE Transactions on Applied Superconductivity, 1993
<i>mk</i>	BB	J.M.S. SKAKLE, "Crystal chemical substitutions and doping of $\text{YBa}_2\text{Cu}_3\text{O}_x$ and related superconductors" Materials Science and Engineering, 1998

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